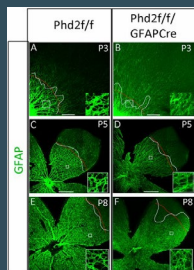
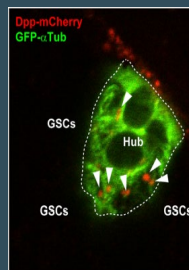


Cell Biology Graduate Program

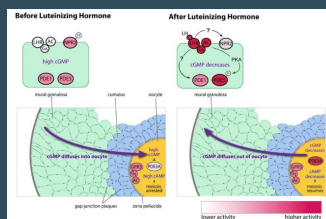
The Cell Biology area of concentration (AoC) provides students with multi-disciplinary training with an overarching goal of a better understanding of underlying biological principles. Faculty members of the Cell Biology AoC employ modern techniques and model systems to address fundamental questions relevant to human development, health, and disease. The areas of intensive research include signal transduction, reproductive biology, genomics and proteomics, fetal and adult stem cell biology, skeletal and cardiac differentiation, vascular biology, organ systems, immunology, cancer biology, mRNA processing alternative splicing, and CRISPR/targeted knockout models. Students will receive multi-disciplinary knowledge and gain an in-depth understanding of biological systems relevant to their thesis projects. Upon completing their PhDs, students are highly recruited to academic research laboratories, teaching positions, or biotechnology and pharmaceutical laboratories.



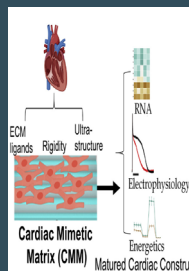
Hypoxia Signaling in Retina



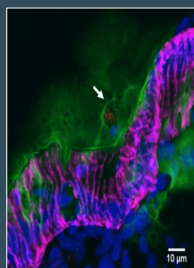
Stem Cell Signaling



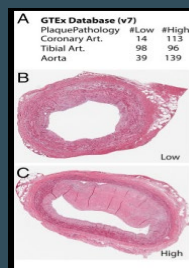
Signaling in Ovarian Follicle



Signaling in Heart



Signaling in Cancer



Signaling in Vascular System